

Name: _____

System of Equations - Working with Fraction

Date: _____

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$$\begin{aligned} 1.) \quad & 2x + \frac{2}{5}y = -\frac{18}{5} \\ & -x + \frac{1}{2}y = -\frac{9}{2} \end{aligned}$$

$$\begin{aligned} 2.) \quad & -4x + 3y = -16 \\ & x + \frac{1}{2}y = -\frac{7}{2} \end{aligned}$$

$$\begin{aligned} 3.) \quad & x - \frac{1}{2}y = 2 \\ & -\frac{3}{5}x + \frac{1}{2}y = -\frac{12}{5} \end{aligned}$$

$$\begin{aligned} 4.) \quad & 4x + \frac{1}{3}y = \frac{1}{3} \\ & -\frac{2}{5}x + y = -\frac{83}{10} \end{aligned}$$

$$\begin{aligned} 5.) \quad & -\frac{2}{5}x - \frac{1}{5}y = -\frac{17}{15} \\ & \frac{3}{4}x + \frac{1}{3}y = \frac{23}{12} \end{aligned}$$

$$\begin{aligned} 6.) \quad & \frac{2}{3}x + \frac{1}{2}y = \frac{23}{6} \\ & -\frac{3}{4}x - 4y = -\frac{141}{4} \end{aligned}$$

$$\begin{aligned} 7.) \quad & \frac{1}{4}x - 5y = \frac{135}{28} \\ & \frac{2}{5}x + 2y = -\frac{16}{7} \end{aligned}$$

$$\begin{aligned} 8.) \quad & \frac{4}{5}x - 4y = -\frac{208}{5} \\ & \frac{1}{2}x - 3y = -31 \end{aligned}$$

$$\begin{aligned} 9.) \quad & \frac{3}{5}x + 5y = 4 \\ & -2x + 3y = -\frac{47}{5} \end{aligned}$$

$$\begin{aligned} 10.) \quad & 5x + 4y = 23 \\ & -4x + 3y = -6 \end{aligned}$$